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অসম ৰাজপত্ৰ

সত্যমেব জয়তে

THE ASSAM GAZETTE

অসাধাৰণ

EXTRAORDINARY

প্ৰাপ্ত কৰ্ত্তৃত্বৰ দ্বাৰা প্ৰকাশিত

PUBLISHED BY THE AUTHORITY

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GOVERNMENT OF ASSAM

ORDERS BY THE GOVERNOR

ASSAM ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

The 9th December, 2024

No. AERC-959/2024/23.- In exercise of the powers conferred under sub-section (3) of Section 32, sub-section (4) of Section 33, Clauses (b), (e) and (h) of sub-section (1) of Section 86, and Clauses (g) and (zp) of Section181 of the Electricity Act, 2003 (36 of 2003), and all other powers conferred on it, the Assam Electricity Regulatory Commission hereby makes the following regulations, namely:

REGULATIONS

1. Short title and commencement

1. These Regulations may be called the Assam Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) Regulations, 2024.

2. This Regulation extends to the whole of the State of Assam.

3. This Regulation shall come into force with effect from the 1st of April, 2025.

2. Definitions and Interpretation

1. In these Regulations, unless the context otherwise requires -

a. **"Act"** means the Electricity Act, 2003 (36 of 2003);

b. **"Actual drawal"** in a time-block means electricity drawn by a buyer, as the case may be, measured by the interface meters;

c. **"Actual injection"** in a time-block means electricity generated or supplied by the seller, as the case may be, measured by the interface meters;

d. **"Ancillary Services"** means the Ancillary Services as defined in the AERC (Ancillary Services) Regulations, 2024, as amended from time to time;

e. "**Ancillary Services Regulations"** means the Assam Electricity Regulatory Commission (Ancillary Services) Regulations, 2024, as amended from time to time and shall include any re-enactment thereof;

f. **"Area Clearing Price (ACP)"** means the price of a time block electricity contract established on the Power Exchange after considering all valid purchase and sale bids in particular area(s) after market splitting, i.e. dividing the market across constrained transmission corridor(s);

g. **"Available Capacity" (or "AvC")** for generating station based on wind or solar or hybrid of wind solar resources, is the cumulative capacity rating of wind turbines or solar inverters that are capable of generating power in a given time block;

h. **"Buyer"** means a licensee or consumer or captive user or company located within the State, receiving power by using the State-grid including such system when it is used in conjunction with inter-state transmission system and whose scheduling and/or metering and energy accounting is coordinated by the SLDC in accordance with the AERC Regulations;

i. **"Central Commission"** means the Central Electricity Regulatory Commission constituted under sub-section (1) of section 76 of the Act;

j. **"Commission"** means the Assam Electricity Regulatory Commission constituted under sub-section (1) of section 82 of the Act;

k. **Contract rate'** means (i) in respect of a WS seller or a MSW Seller or such other entity as applicable, whose tariff is determined or adopted or approved under Section 62 or Section 63 or Section 86(1)(b) of the Act, Rs/kWh tariff as determined or adopted or approved by the Appropriate Commission; or (ii) in respect of a WS seller or a MSW Seller or such other entity as applicable, whose tariff is not

determined or adopted or approved under Section 62 or Section 63 or Section 86(1)(b) of the Act, and selling power through power exchange(s), the price as discovered in the Power Exchange for the respective transaction; or (iii) in case of captive consumption of a captive generating plant based on renewable energy sources, the weighted average ACP of the Integrated-Day Ahead Market segments of all Power Exchanges for the respective time block; (iv) in case of multiple contracts or transactions including captive consumption, the weighted average of the contract rates of all such contracts or transactions, as the case may be;

l. **"Control Area"** shall mean the same as defined in the State Grid Code;

m. **"Day Ahead Market (DAM)"** means a market where physical delivery of electricity occurs on the next day (T+1) of the date of transaction (T) and is governed by the Central Electricity Regulatory Commission (Power Market) Regulations,2010 (as amended from time to time), the Rules and Bye-Laws of the Power Exchanges as approved by the Appropriate Commission;

n. **"De-Pooling"** means the disaggregation and apportionment of the deviations and the applicable charges among the Generators at a Pooling Sub-Station;

o. **"Deviation"** in a time-block for a Seller means its total actual injection minus its total scheduled generation and for a Buyer means its total actual drawal minus its total scheduled drawal, and shall be computed as per Regulation 7 of these regulations;

p. **"Deviation Settlement Mechanism"** shall mean and include Computation of Deviation, Charges of Deviation, Accounting of Charges for Deviation payable and receivable by State Entities and other design parameters as specified under Regulation 7, 8,9 and 11 of these Regulations;

q. **"DISCOM"** means the Assam Power Distribution Company Ltd (APDCL) or any other Distribution company in the State of Assam;

r. **"Embedded Consumer"** means a consumer who has a supply agreement with the distribution licensee and avails the option of drawing power from any other person under Open Access, fully or partially of the contract demand, during a day or more in any month or more than one month during the year, without ceasing to be a consumer of the said distribution licensee. The embedded consumer continues to pay various charges defined by the Commission as applicable to the relevant consumer category;

s. **"Full Open Access Consumer"** means an Open Access Consumer connected to the transmission or distribution system but not having any supply agreement with the distribution licensee within the State;

t. **"General seller"** means a seller in case of a generating station based on other than wind or solar or hybrid of wind-solar resources;

u. **"Grid Code"** (or "Assam Electricity Regulatory Commission (Electricity Grid Code) Regulations" or "AEGC" or "State Grid Code") means the Grid Code notified by the Commission under clause (h) of sub-section (1) of section 86 of the Act;

v. **"Indian Electricity Grid Code"** (or "IEGC") means the Grid Code specified by the Central Electricity Regulatory Commission under Section 79(1)(h) of the Act;

w. **"Integrated Day Ahead Market"** means a market where Day Ahead Contracts are transacted on the power exchanges, including collective transactions under Day Ahead Market (DAM), Green Day Ahead Market (Green DAM), and High Price Day Ahead Market (HP-DAM);

x. "**Interface meters"** means interface meters as defined by the Central Electricity Authority under the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, as amended from time to time;

y. **"Load Despatch Centre"** means National Load Despatch Centre(NLDC), Regional Load Despatch Centre (RLDC) or State Load Despatch Centre (SLDC), as the case may be, responsible for coordinating scheduling of the Buyers and the Sellers in accordance with the provisions of the State Grid Code;

z. **"MSW seller"** means a seller in the case of a generating station based on Municipal Solid Waste and includes Refuse Derived Fuel (RDF) based MSW generating station;

aa. **"Normal Rate of Charges for Deviation (NR)"** means the charges for deviation (in paise/kWh) as referred to in Regulation 8 of these regulations;

bb. **"Open Access Regulations"** means the Assam Electricity Regulatory Commission (Terms and Conditions for Open Access) Regulations 2024 and shall include any subsequent amendment thereof;

cc. **"Open Access Consumer"** includes full (as defined in 2.1.s) and embedded (as defined in 2.1.r) open access consumers or in case of open access source being generator through Dedicated Transmission Line /internal network to its installations;

dd. **"Open Access Customer"** includes a consumer, trader, distribution licensee, Captive generating plant or a Generating Company or any other person who has been granted open access under Open Access Regulations;

ee. **"Pooling Station"** means the sub-station where pooling of generation of individual wind generators or solar generators is done for interfacing with the next higher voltage level:

Provided that where there is no separate pooling station for a REGS/RHGS connected through a common feeder and terminated at the sub-station of distribution company/STU/CTU, the sub-station of distribution company/STU/CTU shall be considered as the pooling station for such REGS/RHGS, as the case may be;

ff. **"Qualified Coordinating Agency"** or **"QCA"** means the lead generator or any authorized agency on behalf of REGS (Renewable Energy Generating Station) or RHGS (Renewable Hybrid Generating Station) (as defined IEGC, 2023 until the AEGC, 2024 comes into effect) including Energy Storage Systems connected to one or more pooling station(s) for coordinating with concerned load despatch centre for scheduling, operational coordination and deviation settlement. QCA shall have the following purposes:

- Provide schedules with periodic revisions as per this regulation on behalf of all the Wind/Solar Generators connected to the pooling station(s),
- Responsible for metering, data collection / transmission, communication, coordination with DISCOMS, SLDC and other agencies.
- Undertake commercial settlement of all charges on behalf of the generators, including payments to the pool accounts through the concerned SLDC.
- Undertake de-pooling of payments received on behalf of the generators from the State Deviation and Ancillary Services Pool Account and settling them with the individual generators
- Undertake commercial settlement of any other charges on behalf of the generators as may be mandated from time to time.

gg. **"Regional Entity"** means a person whose metering and energy accounting are done at the regional level by the Regional Load Despatch Centre;

hh. **"Renewable Rich"** or **"RE-rich"** means when the State of Assam has a combined installed capacity of solar and wind generating stations under the control area of the State is 1000 MW or more but less than 5000 MW;

ii. **"Renewable Super Rich"** or **"RE Super-rich"** means when the State of Assam has a combined installed capacity of solar and wind generating stations under the control area of the State is 5000 MW or more;

jj. **"Reference Charge Rate"** or **"RR"** means (i) in respect of a general seller whose tariff is determined or adopted or approved under Section 62 or Section 63 or Section 86(1)(b) of the Act , Rs/ kWh energy charge as determined or adopted or approved by the Appropriate Commission, or (ii) in respect of a general seller whose tariff is not determined or adopted or approved under Section 62 or Section 63 or Section 86(1) (b) of the Act, and selling power through power exchange(s), the price as discovered in the power exchange for the respective transaction; or (iii) in case of captive consumption of a captive generating plant based on resources other than renewable energy sources, the weighted average ACP of the Integrated-Day Ahead Market segments of all the Power Exchanges for the respective time block; or (iv) in case of multiple contracts or transactions including captive consumption, the weighted average of the reference rates of all such contracts or transactions;

kk. **"Run-of-River Generating Station"** or **"RoR generating station"** means a hydro generating station which does not have upstream pondage;

ll. **"Scheduled generation"** or **"Scheduled injection"** for a time block or any period means the schedule of generation or injection in MW or MWh ex-bus, including the schedule for Ancillary Services given by the concerned Load Despatch Centre;

mm. **"Scheduled drawal"** for a time block or any period means the schedule of drawal in MW or MWh ex-bus, including the schedule for Ancillary Services given by the Load Despatch Centre;

nn. **"Seller"** means a person, including a generating station, supplying electricity through a transaction scheduled in accordance with the regulations applicable for short-term open access, medium-term open access and long-term open access;

oo. **"State Deviation and Ancillary Services Pool Account"** means the State Account maintained by the State Load Despatch Centre for receipts and payments on account of deviations by Buyers and Sellers;

pp. **"State Entity"** means such person who is in the SLDC control area and whose metering and energy accounting is done at the State level;

qq. **"Time-Block"** means a time block of 15 minutes or any such shorter duration as may be notified by the Commission, for which specified electrical parameters and quantities are recorded by special energy meter, with first time block starting at 00.00 hours;

rr. **"WS seller"** means a seller in the case of a generating station based on wind or solar or a hybrid of wind-solar resources and shall include such solar or wind or hybrid generating station, with or without storage.

2. Save as aforesaid and unless repugnant to the context or the subject-matter otherwise requires, words and expressions used in these Regulations and not defined, but defined in the Act, or the State Grid Code, or any other Regulations of this Commission shall have the meaning assigned to them respectively in the Act or the State Grid Code or any other Regulation as the case may be.

3. Objective

These regulations seek to ensure, through a commercial mechanism, that grid users do not deviate from and adhere to their schedule of drawal and injection of electricity in the interest of security and stability of the grid.

4. Applicability

These Regulations shall apply to the transactions of conveyance of electricity through short- term open access or medium-term open access or long-term open access using intra-State transmission system or distribution system of electricity (including inter-state wheeling of power), subject to following conditions:

1. Deviation Settlement Mechanism under these Regulations shall be applicable for all Seller(s) including Generators, Captive Generators, REGS, RHGS, etc. connected to Intra-state Transmission system.

2. Deviation Settlement Mechanism under these Regulations shall be applicable for all Buyer(s) including Distribution Licensee(s), Deemed Distribution Licensee(s) connected within the State.

5. Adherence to Schedule and Deviation

1. For the secure and stable operation of the grid, every grid-connected intra-state entity shall adhere to its schedule as per the State Grid Code comes into effect and shall endeavor not to deviate from its schedule.

2. Deviation shall generally be managed through the deployment of Ancillary Services, and the computation, charges, and related matters in respect of such deviation shall be dealt with as per these regulations.

6. Duties of State Load Despatch Centre and State entities

These Regulations aim to govern the functioning of the various State Entities in a way that discipline is maintained with regards to the injection and drawal of energy by such State Entities and the reliability and integrity of power system is maintained.

In order to meet these objectives, necessary preconditions and covenants for participation by State Entities shall be as under:

1. The State Entities shall inform the SLDC of all contracts entered by them for exchange of energy.

2. State Entities shall operate their equipment and loads in a manner that is consistent with the provisions of the as per the State Grid Code.

3. State Entities shall enter into Connection Agreement/Open Access Agreement with the concerned transmission licensee, which shall specify the physical and operational requirements for a reliable operation and gain physical access and connection to the intra-State transmission system (InSTS) or enter into Connection Agreement/Open Access Agreement with concerned Distribution Licensee for use of distribution system, as the case may be in accordance with AERC (Terms and Conditions for Open Access) Regulations, 2024 and its amendments. State Entities shall make necessary arrangements for putting up interface meters, capable of recording energy flows at 15-minute intervals, at the points of injection and drawal as per the provisions of Open Access Regulations.

   The time synchronisation of metering system shall be through Global Positioning System (GPS) with counter check from the State Energy Accounting Centre which is the SLDC.

4. SLDC shall take all decisions with regard to the MW despatch of generating stations after evaluating all possible network parameters, constraints, congestions in the transmission network and in the eventuality of any such network aberration, the instructions by the SLDC with regard to despatch and drawal shall be binding on all State Entities.

SLDC shall publish all such information as required for all other State Entities to be aware of the energy exchanges taking place within the State as well as exigency conditions, if any with regard to despatch of power.

7. Computation of Deviation

1. Deviation in a time block for general sellers shall be computed as follows:

   Deviation-general seller (D_{GS}) (in MWh) = [(Actual injection in MWh) – (Scheduled generation in MWh)].

   Deviation-general seller (D_{GS}) (in %) = 100 x [(Actual injection in MWh) – (Scheduled generation in MWh)] / [(Scheduled generation in MWh)].

2. Deviation in a time block for WS sellers shall be computed as follows:

   a) For the period from the date of commencement of these regulations to 31.03.2026

   Deviation-WS seller (D_{WS}) (in MWh) = [(Actual Injection in MWh) – (Scheduled generation in MWh)];

   Deviation-WS seller (D_{WS}) (in %) = 100 x [(Actual Injection in MWh) – (Scheduled generation in MWh)] / [(Available Capacity)];

   b) For the period from 01.04.2026 onwards

   Deviation-WS seller (D_{WS}) (in MWh) = [(Actual Injection in MWh) – (Scheduled generation in MWh)];

   Deviation-WS seller (D_{WS}) (in %) = 100 x [(Actual Injection in MWh) – (Scheduled generation in MWh)] / [(X% of Available Capacity) + (100-X) % of Scheduled Generation):

   Provided 'X' shall be as stipulated by the Commission.

3. Deviation in a time block for buyers shall be computed as follows:

   a) For buyers, **other than** Embedded Open Access Consumers:

   Deviation- buyer (D_{BUY}) (in MWh) = [(Actual drawal in MWh) - (Scheduled drawal in MWh)].

   Deviation- buyer (D_{BUY}) (in %) = 100 x [(Actual drawal in MWh) – (Scheduled drawal in MWh)] / [(Scheduled drawal in MWh)].

b) For buyers, who are Embedded Open Access Consumers:

Deviation- buyer (D_{BUY}) (in MWh) = [(Actual drawal in MWh) - (Contracted Load in MWh)].

Deviation- buyer (D_{BUY}) (in %) = 100 x [(Actual drawal in MWh) – (Contracted Load in MWh)] / [(Contracted Load in MWh)].

8. Normal Rate of Charges for Deviations

1. The Normal Rate (NR) of charges for deviation for a particular time block shall be the highest of (A), (B) or (C), where (A), (B) and (C) are as follows:
   A. the weighted average ACP (in Paise /kWh) of the Integrated-Day Ahead Market segments of all the Power Exchanges;
   B. the weighted average ACP (in Paise /kWh) of the Real Time Market segments of all the Power Exchanges;
   C. the sum of:
      a) 1/3 [Weighted average ACP (in paise/kWh) of the Integrated-Day Ahead Market segments of all the Power Exchanges];
      b) 1/3 [Weighted average ACP (in paise/kWh) of the Real-Time Market segments of all the Power Exchanges]; and
      c) 1/3 [Ancillary Service Charge (in paise/kWh) computed based on the total quantum of Ancillary Services (SRAS UP and TRAS UP) deployed and the net charges payable to the Ancillary Service Providers for all the Regions];

      Provided that in cases where there is no despatch of Ancillary services in a time block or where the net charges for Ancillary services are receivable in Deviation and Ancillary Service Pool Account, the clause 8.1.C shall be calculated as the sum of:

      a) 1/2 [Weighted average ACP (in paise/kWh) of the Integrated-Day Ahead Market segments of all the Power Exchanges]; and
      b) 1/2 [Weighted average ACP (in paise/kWh) of the Real-Time Market segments of all the Power Exchanges]:

   Provided further that in case of non- availability of ACP for any time block on a given day, ACP for the corresponding time block of the last available day shall be considered.
2. The normal rate of charges for deviation shall be rounded off to the nearest two decimal places.

9. Charges for Deviation

1. Charges for Deviation, in respect of a **general seller other than an RoR generating station or a generating station based on municipal solid waste or WS seller** shall be as under:

TABLE 1: Deviation Charges for general seller other than an RoR generating station or a generating station based on municipal solid waste or WS seller

Deviation by way of over injection (Receivable by the Seller)	**Deviation by way of under injection (Payable by the Seller)**
(I) **For Deviation up to [10% D_{GS} or 100 MW, whichever is less] and *f* within *f band***	
(i) @ RR when [49.97 Hz ≤ f ≤50.03 Hz]	(iv) @ RR when [49.97 Hz ≤ f ≤50.03 Hz]
(ii) When [50.03 Hz < *f* ≤50.05 Hz], for every increase in *f* by 0.01 Hz, charges for deviation for such seller shall be reduced by 25% of RR so that charges for deviation become 50% of RR when *f* = 50.05Hz	(v) When [50.03 Hz < *f* ≤50.05 Hz], for every increase in *f* by 0.01 Hz, charges for deviation for such seller shall be reduced by 7.5% of RR so that charges for deviation become 85% of RR when *f* = 50.05Hz
(iii) When [49.97 Hz > f ≥ 49.90 Hz], for every decrease in *f* by 0.01 Hz, charges for deviation for such seller shall be increased by 2.15% of RR so that charges for deviation become 115.05% of RR when *f* = 49.90Hz	(vi) When [49.97 Hz > f ≥ 49.90 Hz], for every decrease in *f* by 0.01 Hz, charges for deviation for such seller shall be increased by 7.15% of RR so that charges for deviation becomes 150.05% of RR when *f* = 49.90Hz
(II) **For Deviation up to [10% D_{GS} or 100 MW, whichever is less] and *f* outside *f band***	
(i) @ zero when [50.05 Hz < f < 50.10 Hz]: Provided that such seller shall pay @ 10% of RR when [f ≥ 50.10 Hz]	(iii) @ 85 % of RR when [f > 50.05 Hz]
(ii) @ 115 % of RR when [f < 49.90 Hz]	(iv) @ 150 % of RR when [f < 49.90 Hz]
(III) **For Deviation beyond [10% D_{GS} or 100 MW, whichever is less] and *f* within and outside *f band***	
(i) @ zero when (***f*** < 50.10 Hz): Provided that such seller shall pay @ 10% of RR when [f ≥ 50.10 Hz]	(ii) @ RR when [f ≥ 50.00 Hz]; (iii) @ 150% of RR when [49.90Hz ≤ f < 50.00 Hz]; and (iv) @ 200% of RR when [f < 49.90 Hz]

Note: System frequency = *f* and f_{band} = [49.90Hz ≤ *f* ≤50.05 Hz]

2. Charges for Deviation, in respect of a **general seller being an RoR generating station,** shall be **without any linkage to grid frequency,** as under:

TABLE 2: Deviation Charges for general seller being an RoR generating station

Deviation by way of over injection (Receivable by the Seller)	**Deviation by way of under injection (Payable by the Seller)**
(i) @ RR for deviation up to [*15% D_{GS} or 150 MW, whichever is less*]; (ii) @ Zero for deviation beyond [*15% D_{GS} or 150 MW, whichever is less*]	(iii) @ RR for deviation up to [*15% D_{GS} or 150 MW, whichever is less*]; (iv) @ 105% of RR for deviation beyond [*15% D_{GS} or 150 MW, whichever is less]* and up to [*20% D_{GS} or 200 MW, whichever is less*]; (v) @ 110% of RR for deviation beyond [*20% D_{GS} or 200 MW, whichever is less*].

3. Charges for Deviation, in respect of a **general seller being a generating station based on municipal solid waste,** shall be without any linkage to grid frequency, as under:

TABLE 3: Deviation Charges for general seller being a generating station based on municipal solid waste

Deviation by way of over injection (Receivable by the Seller)	**Deviation by way of under injection (Payable by the Seller)**
(i) @ contract rate for deviation up to [20% D_{GS}]; (ii) @ Zero for deviation beyond [20% D_{GS}];	(iii) @ contract rate for deviation up to [20% D_{GS}]; (iv) @ 110% of contract rate for deviation beyond [20% D_{GS}].

4. Charges for Deviation, in respect of **a WS Seller,** including such generating stations aggregated at a pooling station through QCA shall be without any linkage to grid frequency, as under:

TABLE 4: Deviation Charges for WS Seller

Deviation by way of over injection (Receivable by the Seller)	**Deviation by way of under injection (Payable by the Seller)**
(i) for $VL_{WS}(1)$ @ contract rate; (ii) for $VL_{WS}(2)$ @ 90% of contract rate (iii) beyond $VL_{WS}(2)$ @ Zero;	(iv) for $VL_{WS}(1)$ @ contract rate; (v) for $VL_{WS}(2)$ @ 110% of contract rate; (vi) beyond $VL_{WS}(2)$ @ 200% of contract rate.

Note-1: Volume Limits for WS Seller (VL_{WS}) :

(i) Volume limits of a WS Seller for the period from **the date of commencement of these regulations to 31.03.2026** shall be as under:

WS Seller	**Volume Limit**
A generating station based on solar or a hybrid of wind –solar resources	$VL_{WS}(1)$ = Deviation up to 10% D_{WS} $VL_{WS}(2)$ = Deviation beyond 10% D_{WS} and up to 15% D_{WS}
A generating station based on wind resource	$VL_{WS}(1)$ = Deviation up to 15% D_{WS}
	$VL_{WS}(2)$ = Deviation beyond 15% D_{WS} and up to 20% D_{WS}

(ii) Volume limits of a WS Seller for the period **from 01.04.2026 onwards**:

WS Seller	**Volume Limit**
A generating station based on solar or a hybrid of wind –solar resources	$VL_{WS}(1)$ = Deviation up to 5% D_{WS} $VL_{WS}(2)$ = Deviation beyond 5% D_{WS} and up to 10% D_{WS}
A generating station based on wind resource	$VL_{WS}(1)$ = Deviation up to 10% D_{WS}
	$VL_{WS}(2)$ = Deviation beyond 10% D_{WS} and up to 15% D_{WS}

Note-2: In case of aggregation of WS sellers at a pooling station through QCA,

a. The contract rate for the purpose of deviation shall be equal to the weighted average of the contract rates of all individual WS seller(s) opting for aggregation at the pooling station;

b. Available Capacity shall be equal to the cumulative capacity rating of wind turbines or solar inverters that are capable of generating power in a given time block;

c. Depooling of deviation charges for WS seller(s) connected to the pooling station shall be as per the methodology mutually agreed upon between the QCA and such individual WS seller(s).

5. Charges for Deviation, in respect of a **Standalone Energy Storage System (ESS)**, shall same as applicable to a **general seller (other than an RoR generating station and a generating station based on municipal solid waste)** as specified in Clause (9) Subclause (1) of this Regulation:

   Provided that in the charging mode, deviation by way of over drawal shall be treated as under injection and deviation by way of under drawal shall be treated as over injection and the charges for deviation shall be settled accordingly:

   Provided further that the charges for deviation including the formula for computation of Deviation, in respect of charging of a standalone ESS being pumped hydro storage plant shall be the same as applicable to a WS seller being a generating station based on solar resources, for the period from **the date of commencement of these regulations** to 31.03.2026.

6. Charges for Deviation including the formula for computation of Deviation, in respect of a **WS Seller with ESS connected** at the same interconnection point shall be the same (i) as applicable to a WS seller of respective category during the period solar or wind or hybrid generating station is injecting power as per Clause (9) sub-clause (4) of this Regulation, (ii) as applicable to a standalone ESS as per Clause (9) sub-clause (5) of this Regulation, when only ESS is injecting power, and (iii) as applicable to a standalone ESS for drawl by ESS based on drawal schedule from the grid as per Clause (9) sub-clause (5) of this Regulation.

Note :

Each generator and ESS shall be metered with Special Energy Meter (SEM) so that individual actual injection/drawal can be captured.

7. Charges for Deviation, in respect of **a Buyer,** shall be receivable or payable as under:

TABLE 5: Deviation Charges for Buyer

Deviation by way of under drawal (Receivable by the Buyer)	**Deviation by way of over drawal (Payable by the Buyer)**
(I) **For VL_B (1) and f within f_{band}**	
i) @ 90% of NR when f =50.00 Hz;	iv) @ NR when f =50.00 Hz;
ii) When 50.00 Hz < f ≤50.05 Hz , for every increase in f by 0.01 Hz, charges for deviation for such buyer shall be further decreased by 8% of NR so that charges for deviation become 50% of NR when f = 50.05Hz;	v) When 50.00< f ≤50.05 Hz , for every increase in f by 0.01 Hz, charges for deviation for such buyer shall be reduced by 5% of NR so that charges for deviation become 75% of NR when f = 50.05Hz;

iii) When 50.00 Hz > f ≥ 49.90 Hz, for every decrease in *f* by 0.01 Hz, charges for deviation for such buyer shall be increased by 1 % of NR so that charges for deviation become 100% of NR when *f* = 49.90Hz;	vi) When 50.00 Hz > f ≥ 49.90 Hz, for every decrease in *f* by 0.01 Hz, charges for deviation for such buyer shall be increased by 5% of NR so that charges for deviation become 150% of NR when *f* = 49.90Hz.
(II) **For VL_B (1) and *f outside* f_{band}**	
(i) @ zero when [50.05 Hz < *f* < 50.10 Hz]: Provided that such buyer shall pay @ 10% of NR when [*f* ≥ 50.10 Hz];	(iii) @ 50% of NR when [50.05 Hz < *f* < 50.10 Hz]: (iv) @ zero when [*f* ≥ 50.10 Hz];
(ii) @ NR when [*f* < 49.90 Hz];	(v) @ 150 % of NR when [*f* < 49.90 Hz].
(III) **For VL_B (2) and *f within* and outside f_{band}**	
(i)@ 80% of NR when *f* ≤ 50.00 Hz; (ii) @ 50% NR when [50.00 Hz < *f* ≤ 50.05 Hz]; (iii) @ zero when [50.05 Hz < *f* < 50.10 Hz]: Provided that such buyer shall pay @ 10% of NR when [*f* ≥ 50.10 Hz];	(iv) @ 150% of NR when *f* < 50.00 Hz; (v) @ NR when [50.00 Hz ≤ f ≤ 50.05 Hz]; (vi) @ 75% NR when [50.05 Hz < *f* < 50.10 Hz]; (vii) @ zero when [*f* ≥ 50.10 Hz].
(IV) **For VL_B (3) and *f within* and outside f_{band}**	
(i) @ zero when *f* < 50.10 Hz: Provided such buyer shall pay @ 10% of NR when [*f* ≥ 50.10 Hz];	(ii) @ 200% of NR when *f* <50.00 Hz; (iii) @ NR when [50.00≤*f* < 50.10 Hz]. (iv)@ 50% of NR when [*f* ≥ 50.10 Hz].

Note: Volume Limits for Buyer :

Buyer	**Volume Limit**
Buyer other than (the buyer with a schedule less than 400 MW and the state is RE-rich State)	VL_B (1) = Deviation up to [10% D_{BUY} or 100 MW, whichever is less]
	VL_B (2) = Deviation [beyond 10% D_{BUY} or 100 MW, whichever is less] and up to [15% D_{BUY} or 200 MW, whichever is less]
	VL_B (3) = Deviation beyond [15% D_{BUY} or 200 MW, whichever is less]

Buyer (with a schedule up to 400 MW)	$VL_B(1)$ = Deviation [20% D_{BUY} or 40 MW, whichever is less]
	VL_B (2) = Deviation beyond [20% D_{BUY} or 40 MW, whichever is less]
Buyer (when the State is RE Rich)	$VL_B(1)$ = Deviation up to 200 MW
	VL_B (2) = Deviation beyond 200 MW and up to 300 MW
	VL_B (3) = Deviation beyond 300 MW
Buyer (when the State is Super RE Rich)	VL_B (1) = Deviation up to 250 MW
	VL_B (2) = Deviation beyond 250 MW and up to 350 MW
	VL_B (3)= Deviation beyond 350 MW

8. The charges for deviation for injection of infirm power shall be zero:

   Provided that upon such infirm power is scheduled after trial run as specified in the State Grid Code, the charges for deviation for such power shall be as applicable for a general seller or WS seller, as the case may be.

9. The charges for deviation for drawal of start-up power before the COD of a generating unit or for drawal of power to run the auxiliaries during the shut-down of a generating station shall be payable at the reference charge rate or contract rate or in the absence of reference charge rate or contract rate, the weighted average ACP of the Day Ahead Market segments of all Power Exchanges for the respective time block, as the case may be.

10. Notwithstanding anything contained in Clauses (1) to (9) of this Regulation, in case of forced outage or partial outage of a seller, the charges for deviation shall be @ the reference charge rate for a maximum duration of eight time blocks or until the revision of its schedule, whichever is earlier.

11. For a Seller whose bids are cleared in the HP-DAM, the 'reference charge rate' for deviation by way of 'under-injection' for the quantum of power sold through HP- DAM shall be equal to the weighted average ACP of the HP-DAM Market segments of all the Power Exchanges for that time block;
12. In case of a State having net injection at the regional periphery, the deviation charges for such State shall be as applicable to a buyer.

10. Compliance with instructions of Load Despatch Centre

Notwithstanding anything specified in these Regulations, the Sellers and the Buyers shall strictly follow the instructions of the State Load Despatch Centre on injection and drawal in the interest of grid security and grid discipline.

11. Accounting of Charges for Deviation and Ancillary Service Pool Account

1. A statement of Charges for Deviations levied under these Regulations shall be prepared by SLDC on weekly basis based on the data available and shall be issued to all constituents (including QCAs for the REGS/RGHS)by next Tuesday, for the previous week ending on the penultimate Sunday mid-night.

   Provided that transaction-wise DSM accounting for inter-State entities shall not be carried out at the state level.

   Provided that the roles and responsibilities of QCAs for REGS/RHGS shall be as per as per the State Grid Code.

2. All payments on account of Charges for Deviation levied under these Regulations and interest, if any, received for late payment shall be credited to the funds called the "State Deviation and Ancillary Services Pool Account", which shall be maintained and operated by the State Load Despatch Centre in accordance with provisions of these regulations.

   Provided that –

a. The Commission may by order direct any other entity to operate and maintain the respective "State Deviation and Ancillary Services Pool Account":

b. Separate books of accounts shall be maintained for the principal component and interest component of Charges for Deviation Charges by SLDC.

c. The State Entities shall comply with statutory requirements of payment of applicable statutory levies, including but not limited to Goods and Service Tax (GST), Tax deduction at source (TDS).

d. The State Entities shall facilitate SLDC in meeting with reporting requirements of Statutory Authorities, as necessary.

e. The SLDC shall formulate detailed procedure for implementation, maintenance and operation of the State Deviation and Ancillary Services Pool Account after due consultation with stakeholders within **2 (two) months** from the date of commencement of these regulations and seek approval of the commission.

3. The Deviation and Ancillary Service Pool Account shall receive credit for:
   a. payments on account of charges for deviation referred to in Regulation 9 of these regulations and the late payment surcharge as referred to in Regulation 12 of these regulations;
   b. payments made by:
   i. SRAS Provider for the SRAS-Down despatched under the Ancillary Services Regulations;
   ii. TRAS Provider for the TRAS-Down despatched under the Ancillary Services Regulations; and
   iii. such other charges as may be notified by the Commission.

4. Deviation and Ancillary Service Pool Account shall be charged for:
   a. payment to the seller for over injection as referred to in Regulation 9 of these regulations;
   b. payment to the buyer for under drawal as referred to in Regulation 9 of these regulations;
   c. the full cost of despatched SRAS-Up, including the variable charge or the energy charge or the compensation charge, as the case may be, for every time block on a regional basis, as well as the incentive for SRAS, payable to the concerned SRAS Provider as referred in the Ancillary Services Regulations;
   d. the full cost towards TRAS-Up, including the charges for the quantum cleared and despatched and the commitment charge for the quantum cleared but not despatched as referred in the Ancillary Services Regulations; and
   e. such other charges as may be notified by the Commission.

5. An amount of surplus funds in the State Deviation and Ancillary Services Pool Account at the end of the financial year shall be utilised for the purpose of improvements in power system operations, for undertaking such measures and studies for improvement in reliability, security and safety of grid operations, undertaking capacity building and training programs related to system operations and market operations and for such other purposes or for other schemes as may be devised in consultation with the National Load Despatch Centre or Regional Load Despatch Centre, with prior approval of the Commission.

   Provided that, the short fall in funds in the State Deviation and Ancillary Services Pool Account; if any, at the end of the weekly settlement period shall be recovered by levy of additional charge from the State Entities in proportion to Net Deviation Charges payable by concerned State Entity for the applicable weekly settlement period through supplementary bills:

Provided further that the SLDC shall prepare, with the approval of the Commission, a detailed procedure for recovery of charges in case of deficit in the Deviation and Ancillary Service Pool Accounts, and for the methodology of computation of shortfall of reserves and allocation of deficit amongst the entities. SLDC shall also prepare scheme(s) and shall submit annual plan for utilisation of surplus funds and implement the scheme(s) only upon approval of the Commission.

12. Schedule of Payment of Charges for Deviation

1. The payment of charges for Deviation shall have a high priority and the concerned State Entity shall pay the indicated amounts within 10 (ten) days of the issue of statement of Charges for Deviation by SLDC into the "**State Deviation and Ancillary Services Pool Account**".
2. If payments against the Charges for Deviation are beyond 10 (ten) days from the date of issue of the statement by the SLDC, the defaulting State Entity shall have to pay simple interest @ 0.04% for each day of delay.
3. Any entity which at any time during the previous financial year fails to make payment of charges for deviation within the time specified in these regulations shall be required to open a Letter of Credit (LC) equal to 110% of their average payable weekly liability for deviations in the previous financial year in favour of the concerned State Load Despatch Centre within a fortnight from the start of the current financial year.
4. In case of failure to pay into the Deviation and Ancillary Service Pool Account within 10 (ten) days from the date of issue of the statement of charges for deviation, the State Load Despatch Centre shall be entitled to encash the LC of the concerned regional entity to the extent of the default and the concerned regional entity shall recoup the LC amount within 3 days.

13. Monitoring of Compliance

The monitoring of compliance of these Regulations shall be as stated in the State Grid Code.

14. Power to amend

The Commission may, at any time, vary, alter, modify or amend any provisions of these Regulations.

15. Power to remove difficulties

If any difficulty arises in giving effect to the provisions of these Regulations, the Commission may, by general or specific order, make such provisions not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulty.

16. Power to relax

The Commission may by general or special order, for reasons to be recorded in writing, and after giving an opportunity of hearing to the parties likely to be affected by grant of relaxation, may relax any of the provisions of these Regulations on its own motion or on an application made before it by an interested person.

17. Power to issue directions

If any difficulty arises in giving effect to these Regulations, the Commission may on its own motion or on an application filed by any affected party, issue such directions as may be considered necessary in furtherance of the objective and purpose of these Regulations.

18. Repeal and Savings

1. Save as otherwise provided in these regulations, the Assam Electricity Regulatory Commission (Deviation Settlement Mechanism and Related Matters) Regulations, 2019 and the Assam Electricity Regulatory Commission (Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources) Regulations, 2018 shall stand repealed from the date of commencement of these Regulations.

2. Notwithstanding such repeal, anything done or any action taken or purported to have been done or taken, including any procedure, minutes, reports, confirmation or declaration of any instrument executed under the repealed regulations, shall be deemed to have been done or taken under the relevant provisions of these regulations.

19. Interpretation

1. All issues arising in relation to the interpretation of these regulations shall be determined by the Commission and the decision of the Commission on such issues shall be final.

2. Anything not covered by these Regulations will be in line with CERC (Deviation Settlement Mechanism and Related Matters) Regulations, 2024, as amended from time to time .

ASHOK KUMAR BARMAN (RETD.),
Secretary,
Assam Electricity Regulatory Commission.

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